

May 31, 2018

City of Eureka 4301 Hilfiker Lane Eureka, CA 95503

Attn: David Adams

RE: Lost Coast Brewery

SAMPLE IDENTIFICATION

Fraction	Client Sample Description
01A	Outfall 001
01B	Outfall 001

Order No.: 1805331 Invoice No.: 140236 PO No.: 118076

ELAP No.1247-Expires July 2018

ND = Not Detected at the Reporting Limit

Limit = Reporting Limit

Flag = Explanation in Case Narrative All solid results are expressed on a wetweight basis unless otherwise noted.

Approved for release by:

Roxanne Moore, Project Manager

Date: 31-May-2018 **WorkOrder:** 1805331

CASE NARRATIVE

The samples were received on ice with a temperature above the EPA recommended temperature of less than or equal to 6° C.

Date: 31-May-2018

1805331 WorkOrder:

ANALYTICAL REPORT

Client Sample ID: Outfall 001 Received: 5/18/2018

Lab ID: 1805331-01A Collected: 5/18/2018 11:10

Test Name: Biochemical Oxygen Demand Reference: SM 5210B, 2001. Revs 2011

Limit **Analyzed** Parameter Result Flag Units DF Extracted 5/18/2018

Biochemical Oxygen Demand 5,400 2.0 mg/L 1.0

Test Name: Non-Filterable Residue (TSS) Reference: SM 2540D, 1997. Revs 2011

Parameter Result Flag Limit Units DF Extracted Analyzed Non-Filterable Residue(TSS) 930 mg/L 1.0 5/22/2018 1.0

Client Sample ID: Outfall 001 Received: 5/18/2018

Lab ID: 1805331-01B Collected: 5/18/2018 11:10

Test Name: Chemical Oxygen Demand Reference: HACH 8000

Parameter Limit **Units** DF Result Flag Extracted Analyzed 8,400 Chemical Oxygen Demand 500 mg/L 100 5/29/2018 5/31/2018

North Coast Laboratories, Ltd.

CLIENT: City of Eureka

Work Order: 1805331

Project: Lost Coast Brewery

QC SUMMARY REPORT

Method Blank

Date: 5/31/2018

Sample ID MBLNK	Batch ID: R95655	Test Code:	CODW	Units: mg/L		Analysis Date 5/31/2018	Prep Date 5/29/2018
Client ID:	Bator IB. 10000	Run ID:	WC_1805290	J		SeqNo: 1361121	1 10p Bate 6/20/2010
Analyte	Result	Limit	SPK value	SPK Ref Val	% Rec	LowLimit HighLimit RPD Ref Val	%RPD RPDLimit Qu
Chemical Oxygen Demand	ND	5.0					
Sample ID MBLK	Batch ID: R95572	Test Code:	NFRW	Units: mg/L		Analysis Date 5/22/2018	Prep Date
Client ID:		Run ID:	WC_1805220	3		SeqNo: 1359899	
Analyte	Result	Limit	SPK value	SPK Ref Val	% Rec	LowLimit HighLimit RPD Ref Val	%RPD RPDLimit Qu
Non-Filterable Residue(TSS)	ND	1.0					

B - Analyte detected in the associated Method Blank

North Coast Laboratories, Ltd.

CLIENT: City of Eureka

Work Order: 1805331

Project: Lost Coast Brewery

QC SUMMARY REPORT

Laboratory Control Spike

Date: 5/31/2018

Sample ID LCS WL-05291805	Batch ID: R95655	Test Code	CODW	Units: mg/L		Analysis	Date 5/31	/2018	Prep D	ate 5/29/201	8
Client ID:		Run ID:	WC_1805290	;		SeqNo:	1361	122			
Analyte	Result	Limit	SPK value	SPK Ref Val	% Rec	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chemical Oxygen Demand	49.60	5.0	50.0	0	99.2%	85	115	0			
Sample ID LCSD WL-052918	Batch ID: R95655	Test Code	CODW	Units: mg/L		Analysis	Date 5/31	/2018	Prep D	ate 5/29/201	8
Client ID:		Run ID:	WC_1805290	;		SeqNo:	1361	123			
Analyte	Result	Limit	SPK value	SPK Ref Val	% Rec	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chemical Oxygen Demand	48.53	5.0	50.0	0	97.1%	85	115	49.6	2.18%	20	

R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

North Coast Laboratories, Ltd.

CLIENT: City of Eureka

Work Order: 1805331

Project: Lost Coast Brewery

QC SUMMARY REPORT

BOD Organic Standard

Date: 5/31/2018

Sample ID ORG STD	Batch ID: R95568	Test Code:	BODW	Units: mg/L		Analysis	s Date 5/18	/2018 10:00:00 AM	Prep D	ate	
Client ID:		Run ID:	WC_180518I			SeqNo:	1359	799			
Analyte	Result	Limit	SPK value	SPK Ref Val	% Rec	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Biochemical Oxygen Demand	206.7	2.0	200	0	103%	85	115	0			

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

P. 1 of 1

	NORTH COAST LABORATORIES LTD.
A	5680 West End Road • Arcata • CA 95521-9202 707-822-4649 Fax 707-822-6831

Results & Invoice to: City of Eureka Source Control Address: 4301 Hilfiker Lane., Eureka, CA 95503 e-results to: sourcecontrol@ci.eureka.ca.gov

Copies of Report to: ecampbell@lostcoast.com

Sampler (Sign & Print): David Adams

PROJECT INFORMATION

DATE

05/18/18

Attention: David Adams

Phone: (707) 441-4362

Project Number:

Outfall 001

LAB ID

Project Name: Lost Coast Brewery
Purchase Order Number: 118076

SAMPLE ID

RELINQUISHED BY (Sign & Print)

Chain of Custody

831	fra	LABORATORY NUMBER: 1845 33 (
trol	PRESERVATIVE	TAT: STD(2-3 Wk) Other: PRIOR AUTHORIZATION IS REQUIRED FOR RUSH SAMPLES.
	CONTAINER 2	REPORTING REQUIREMENTS: State Forms Geotracker SWAMP Other EDD: Final Report PDF FAX By:
	ANALYSIS D. TSS	CONTAINER CODES: 1—½ gal. pl; 2—250 ml pl; 3—500 ml pl; 4—1 L Nalgene; 5—250 ml BG; 6—500 ml BG; 7—1 L BG; 8—40 ml VOA; 9—60 ml VOA; 10—125 ml VOA;11—4 oz glass jar; 12—8 oz glass jar; 13—brass tube; 14—other PRESERVATIVE CODES: a—HNO ₃ ; b—HCl; c—H ₂ SO ₄ ; d—Na ₂ S ₂ O ₃ ; e—NaOH; f—C ₂ H ₃ O ₂ Cl; g—other
TIME MATRIX*	BOD	SAMPLE CONDITION/SPECIAL INSTRUCTIONS
1110 Eff		9,Z C
DATE/TIME 5:18:18:14:15	RECEIVED BY (Sign)	DATE/TIME SAMPLE DISPOSAL ☐ NCL Disposal of Non-Contaminated ☐ Return ☐ Pickup
and and a based was would be found that is shown to show the same of the state of t		CHAIN OF CUSTODY SEALS Y/N/NA SHIPPED VIA: LIPS Fed-Ex Hand

*MATRIX: DW=Drinking Water; Eff=Effluent; Inf=Influent; SW=Surface Water; GW=Ground Water; WW=Waste Water; S=Soil; O=Other.

ALL CONTAMINATED NON-AQUEOUS SAMPLES WILL BE RETURNED TO CLIENT